## Rebecca R. Klatzkin

Department of Psychology, Neuroscience Program - Rhodes College

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***Education History***

**2006-2009 University of North Carolina at Chapel Hill**

*Ph.D.– Psychology: Behavioral Neuroscience*

**2006 University of North Carolina at Chapel Hill**

*Master of Arts – Psychology: Behavioral Neuroscience*

**2004 University of Richmond**

*Bachelor of Science – Psychology; Minor: Biology*

***Professional Appointments***

**2018-Present Associate Professor**

Department of Psychology – Rhodes College

**2011 - 2018 Assistant Professor**

Department of Psychology – Rhodes College

**2010 -2011 Visiting Assistant Professor**

Department of Psychology – University of Richmond

**2009 -2010 Visiting Assistant Professor**

Department of Psychology – Washington College

**2006 -2008 Teaching Fellow**

Department of Psychology – University of North Carolina at Chapel Hill

***Teaching Experience*** *(Numbers in parentheses indicate sections taught)*

**Rhodes College (2011-present)**:

Introduction to Psychological Science (15)

Neuroscience (12)

Senior Seminar in Neuroscience (6)

Senior Seminar in Psychology (3)

Neuroscience Research Methods (3)

Clinical Neuroscience (2)

Research Methods and Statistics (2)

Advanced Methods in Psychology (1)

Neuroscience Research – undergraduate research supervision (18)

**Visiting Assistant Professor, University of Richmond (2010-11)**:

Method & Analysis with Lab (2); Psychopathology with Lab (2)

**Visiting Assistant Professor, Washington College (2009-10)**:

Neuroscience Research Method: Hormones and Behavior with Lab (1)

Psychopathology (1); Drugs and Behavior (1); Biological Psychology with Lab (1)

***Research Publications*** *(\*denotes Rhodes student collaborator)*

Peer Reviewed:

Hamm, J.D., **Klatzkin, R.R.**, Herzog, M., Tamura, S., Brunstrom, J.M., Kissileff, H.R. (2021). Recalled and momentary virtual portions created of snacks predict actual intake under

laboratory stress condition. *Physiology & Behavior*, 113479. https://doi.org/10.1016/j.physbeh.2021.113479

**Klatzkin, R.R.,** Nolan, L.J., Chaudhry, R., Geliebter, A., Kissileff, H.R. (2021). Measures of emotional influences on eating and weight control. In Meiselman, H.L. (Ed.) Emotion Measurement, 2nd edition. Cambridge, USA: Woodhead.

**Klatzkin, R.R.**, \*Dasani, R., \*Warren, M., \*Cattaneo, C., \*Nadel, T., \*Nikodem, C., Kissileff, H. (2019). Negative affect is associated with increased stress-eating for women with high perceived life stress. *Physiology & Behavior*, 210: 112639. doi.org/10.1016/j.physbeh.2019.112639

**Klatzkin, R.R.**, \*Baldassaro, A., \*Rashid, S. (2019). Physiological responses to acute stress and the drive to eat: The impact of perceived life stress. *Appetite,* 133: 393-399.doi:10.1016/j.appet.2018.11.019

**Klatzkin, R.R.**, \*Baldassaro, A., \*Hayden, E. (2018). The impact of chronic stress on the predictors of acute stress-induced eating in women. *Appetite,* 123: 343-351. doi:10.1016/j.appet.2018.01.007

**Klatzkin, R.R.**, \*Gaffney, S., \*Cyrus, K., \*Bigus, E., Brownley, K.A. (2016). Stress-induced eating in women with binge eating disorder and obesity. *Biological Psychology,* 131:96-106. doi: 10.1016/j.biopsycho.2016.11.002.

**Klatzkin, R.R.**, \*Gaffney, S., \*Cyrus, K., \*Bigus, E., Brownley, K.A. (2015). Binge eating disorder and obesity: Preliminary evidence for distinct cardiovascular and psychological phenotypes. *Physiology & Behavior,* 142: 20-27. doi: 10.1016/j.physbeh.2015.01.018.

\*Roberts, M.H., **Klatzkin, R.R.**, Mechlin, B. (2015). Social support attenuates physiological stress responses and experimental pain sensitivity to cold pressor pain. *Annals of Behavioral Medicine,* 49: 557-569. doi: 10.1007/s12160-015-9686-3.

**Klatzkin, R.R.**, Bunevicius, A., Forneris, C.A., Girdler, S.S. (2014). Menstrual mood disorders are associated with blunted sympathetic reactivity to stress. *Journal of Psychosomatic Research, 76*: 46-55. doi: 10.1016/j.jpsychores.2013.11.002.

Bunevicius, A., Hinderliter, A., **Klatzkin, R.R.**, Patel, A., Arizmendi, C., Girdler, S.S. (2013). Beta-adrenergic receptor mechanisms and pain sensitivity in women with a menstrually related mood disorder. *The Journal of Pain,* 14(11): 1349-1360. doi: 10.1016/j.jpain.2013.05.014.

**Klatzkin, R.R.**, Lindgren, M.E., Forneris, C.A., Girdler, S.S. (2010). Histories of Major Depression and Premenstrual Dysphoric Disorder: Evidence for Phenotypic Differences. *Biological Psychology,* 84(2): 235-247. doi: 10.1016/j.biopsycho.2010.01.018

**Klatzkin, R.R.**, Mechlin, B., Girdler, S.S. (2010). Menstrual cycle phase does not influence gender differences in experimental pain sensitivity. *European Journal of Pain*, 14(1): 77-82. doi: 10.1016/j.ejpain.2009.01.002.

Heymen, S., Maixner, W., Whitehead, W.E., **Klatzkin, R.**, Mechlin, B., Light, K. (2008). Central processing of noxious somatic stimuli in patients with irritable bowel syndrome compared with healthy controls. *Clinical Journal of Pain, 26(2):* 104-109. doi: 10.1097/AJP.0b013e3181bff800.

**Klatzkin, R.R.**, Mechlin, B., Bunevicius, R., Girdler, S.S. (2007). Race and Histories of Mood Disorders Modulate Experimental Pain Tolerance in Women. The *Journal of Pain*, *8(11)*: 861-868.

Girdler, S.S., **Klatzkin, R.R.** (2007). Neurosteroids in the Context of Stress: Implications for Depressive Disorders. *Pharmacology & Therapeutics*, *116(1)*: 125-139.

Girdler, S.S., Leserman, J., Bunevicius, R., **Klatzkin, R.R.**, Pedersen, C.A., Light, K.C. (2007). Persistent Alterations in Cardiovascular and Neuroendocrine Profiles in Women with Abuse Histories: Influence of Premenstrual Dysphoric Disorder. *Health Psychology*, *26(2)*: 201-213.

**Klatzkin, R.R.**, Morrow, A.L., Light, K.C., Pedersen, C.A., Girdler, S.S. (2006). Histories of Depression, Allopregnanolone Responses to Stress, and Premenstrual Symptoms in Women. *Biological Psychology, 71(1)*: 2-11.

**Klatzkin, R.R.**, Morrow, A.L., Light, K.C., Pedersen, C., Girdler, S.S. (2006). Associations of Histories of Depression and PMDD Diagnosis with Allopregnanolone Concentrations Following the Oral Administration of Micronized Progesterone. *Psychoneuroendocrinology, 31(10)*: 1208-1219.

Submitted Manuscripts:

Ma, M., **Klatzkin, R.R.,** Hamm, J.D., Herzog, M., Tamura, S., Shechter, A., Albus, J.B., Brunstrom, J.M., Pi-Sunyer, X., Laferrere, Bl, Kissileff, H.R. (2021). Virtual snack portions created after recalled stress predict post-bariatric weight loss and intake after stress.

Manuscripts in Progress:

**Klatzkin, R.R**., Nolan, L.J., Kissileff, H.R. Self-reported emotional eaters consume more food under stress if they experience heightened stress reactivity and emotional relief from stress upon eating.

Nadel, T.\*, **Klatzkin, R.R**., Gaffney, K.\*, Farrell, C.\* Files, H.\* Greater expectancies that eating will provide emotional relief reinforce the stress-eating relationship for women with chronic stress.

Scholarship of Teaching and Learning:

**Klatzkin, R.R.** (2012a). Stress-induced binge eating. In Gibson, Klatzkin, and Littlefield's Research Readings and Statistical Exercises Using SPSS and Excel. (Online at http://teachpsych.org/page-1603793).

**Klatzkin, R.R.** (2012b). Behavioral assessment in a mouse model of depression. In Gibson, Klatzkin, and Littlefield's Research Readings and Statistical Exercises Using SPSS and Excel (Online at http://teachpsych.org/page-1603793).

***Conference Abstracts*** *(\*denotes student collaborators)*

**Klatzkin, R.R.,** \*Files, H., \*Gaffney, K., \*Leonhard, B., \*Street, O., Nolan, L.J., Kissileff, H.R. (2021). Self-reported emotional eaters consume more food under stress if they experience heightened stress reactivity and emotional relief after eating. The 28th annual meeting of the Society for the Study of Ingestive Behavior.

Ma, M., **Klatzkin, R.R.**, Hamm, J.D., Tamura, S., Herzog, M., Colon, P., Schechter, A., Laferrere, B., Pi-Sunyer, X., Brunstrom, J.M., Kissileff, H.R. (2018). Portion Size After Recalled Stress Predicts 3-Month Weight Loss After Bariatric Surgery. The annual meeting of The Obesity Society.

**Klatzkin, R.R.**,\*Dasani, R., \*Nadel, T., \*Cattaneo, C., \*Warren, M., (2018). Moderators of the Reduction in Negative Mood Following Stress-Eating. The annual meeting of The Obesity Society.

Ma, M., **Klatzkin, R.R.**, Hamm, J.D., Tamura, S., Herzog, M., Colon, P., Schechter, A., Laferrere, B., Pi-Sunyer, X., Brunstrom, J.M., Kissileff, H.R. (2018). Virtual portion size selection task, under momentary and recalled stress predicts snack intake in a stressful laboratory eating session. The 26th annual meeting of the Society for the Study of Ingestive Behavior.

**Klatzkin, R.R.**, \*Cattaneo, C., \*Warren, M., \*Dasani, R., \*Nadel, T. (2018). Predictors of stress-induced eating differ for women displaying stress over-eating versus under-eating. The 26th annual meeting of the Society for the Study of Ingestive Behavior.

**Klatzkin, R.R.**, \*Baldassaro, A., \*Rashid, S., \*Hayden, E., \*Cattaneo, C., \*Dasani, R. (2017). Do correlates of stress-induced eating differ for women with high and low chronic stress? The 25th annual meeting of the Society for the Study of Ingestive Behavior.

**Klatzkin, R.R.**, \*Sumner, C., \*Baldassaro, A., \*Rashid, S. (2016). The relationship between acute stress reactivity and motivation for food in chronically stressed women. *Psychosomatic Medicine,* 78(3), A-33. The 74th annual meeting of the American Psychosomatic Society.

**Klatzkin, R.R.**, \*Gaffney, S., \*Madigan, L., \*Sumner, C., \*Baldassaro, A., \*Rashid, S. (2015). Obesity and binge eating are associated with heightened negative affect and desire to eat, but not hunger, following mental stress: preliminary evidence. International Behavioral Neuroscience Society.

**Klatzkin, R.R.**, \*Gaffney, S., \*Cyrus, K., \*Bigus, E., Brownley, K. (2015). Binge eating disorder and obesity: Preliminary evidence for distinct phenotypes regarding cardiovascular functioning and hunger responses to stress. *Psychosomatic Medicine,* 77(3), A-33. The 73rd annual meeting of the American Psychosomatic Society.

\*Roberts, M.H., **Klatzkin, R.R.**, \*Bigus, E., \*Julien, A., \*Madigan, L., Mechlin, B. (2014). Social support, but not the presence of a non-supportive other, attenuates both stress and pain following a cold pain task – preliminary results. *Psychosomatic Medicine,* 76(3), A-33. The 72nd annual meeting of the American Psychosomatic Society.

**Klatzkin, R.R.**, \*Gaffney, S., \*Cyrus, K., \*Bigus, E., Brownley, K. (2014). Stress-related change in anxiety is associated with post-stress food consumption in obese women with binge eating disorder. The 21st annual International Conference on Eating Disorders (ICED).

**Klatzkin, R.R.**, \*Gaffney, S., \*Cyrus, K. (2013). Evidence for binge eating disorder and obesity as distinct clinical entities with respect to cardiovascular and psychological responses to stress: preliminary findings. *Psychosomatic Medicine,* 75(3), A-124. The 71st annual meeting of the American Psychosomatic Society.

**Klatzkin, R.R.**, \*Bigus, E., \*Wuerful, A., Brownley, K.A. (2013). The influence of post-stress food anticipation and consumption on cardiovascular recovery from mental stress in women with binge eating disorder: preliminary findings. *Psychosomatic Medicine,* 75(3), A-89. The 71st annual meeting of the American Psychosomatic Society.

Heymen, S., Maixner, W., Whitehead, W.E., **Klatzkin, R.**, Mechlin, B., Light, K.(2008). Diffuse Noxious Inhibitory Controls (DNIC) are Compromised in Patients with Irritable Bowel Syndrome Compared to Healthy Controls. *Neurogastroenterology and Motility*, 20 (Supplement 2), 8.

Mechlin, B., **Klatzkin, R.R.**, Girdler, S.S. (2008). Lack of evidence for a menstrual cycle effect on pain sensitivity in healthy women. *Annals of Behavioral Medicine*, 35 (Supplement 1), C076. Poster presented at the 29th annual meeting of the Society of Behavioral Medicine.

Zolnoun, D., Perinetti-Liebert, C., **Klatzkin, R.**, Mechlin, M.B., Girdler, S.S. (2008). Differences in Systemic Pain Perception between Women with Primary and Secondary Vulvar Vestibulitis Syndrome. *Psychosomatic Medicin*e, 70(1), A-83. The 66th annual meeting of the American Psychosomatic Society.

Mechlin, B., **Klatzkin, R.R.**, Bunevicius, R., Girdler, S.S. (2007). Vascular and Blood Pressure Predictors of Pain Sensitivity in Women: Ethnic Differences. *Psychosomatic Medicine*, 69(1), A-37. Poster presented at the 65th annual meeting of the American Psychosomatic Society.

Girdler, S.S., Mechlin, B., **Klatzkin, R.R.**, Morrow, A.L. (2007). Time Course of the Allopregnanolone Response to Stress in Humans. *Psychosomatic Medicine*, 69(1), A-65. Poster presented at the 65th annual meeting of the American Psychosomatic Society.

**Klatzkin, R.R.**, Mechlin, B., Bunevicius, R., Girdler, S.S. (2007). Ethnicity and Histories of Mood Disorders Modulate Experimental Pain Tolerance in Women. *Psychosomatic Medicine*, 69(1), A-36. Poster presented at American Psychosomatic Society.

**Klatzkin, R.R.**, Morrow, A.L., Light, K.C., Girdler, S.S. (2006). Associations Involving Histories of Depression and PMDD Diagnosis with Allopregnanolone Concentrations Following the Oral Administration of Micronized Progesterone. *Psychosomatic Medicine*, 68(1), A-42. Citation Poster presented at the 64th annual meeting of the American Psychosomatic Society.

Girdler, S., Klatzkin, R., Leserman, J., Mechlin, B., Light, K. (2005). Histories of abuse and stress responses in women with premenstrual dysphoric disorder and healthy controls. *Psychosomatic Medicine*, 67(1), A-52. Poster presented at the 63rd annual meeting of the American Psychosomatic Society.

Mechlin, B., Maixner, W., Light, K., **Klatzkin, R.**, Girdler, S. (2005). Ethnicity, stress, and menstrual cycle: modifiers of pain sensitivity in men and women. *Psychosomatic Medicine*, 67(1), A-101. Poster presented at the 63rd annual meeting of the American Psychosomatic Society.

**Klatzkin, R.R.**, Morrow, L.A., Mechlin, B., Light, K.C., Girdler, S.S. (2005) Histories of depression in women are associated with alterations in allopregnanolone stress reactivity. *Psychosomatic Medicine*, 67(1), A-38. Citation Poster presented at the 63rd annual meeting of the American Psychosomatic Society.

***Grants and Fellowships***

External:

**2007-2009 NIMH National Research Service Award (F31 MH079532)**

A competitive research grant supplying stipend, tuition, and travel funding for pre-doctoral research. Project Title: *Prior depression, PMDD, and pain: Biological mechanisms*. Total Amount: $87,873

**2004-2006 NIH Pre-doctoral Training Fellowship (T32 NS007431)**

An institutional grant supplying tuition, stipend, and travel funding for pre-doctoral students.

Internal:

**2021 Rhodes College Faculty Development Endowment Grant** *The emotional eating cycle: support for a feed-forward emotion regulation model.* Amount: $5000

**2020 Rhodes College Faculty Development Endowment Grant** *Do greater expectations that eating will provide emotional relief promote stress-eating for women with chronic stress?* Amount: $5000

**2017 Rhodes College Faculty Development Endowment Grant** *Does chronic stress impact comfort food consumption following acute mental stress in college women?* Total amount: $5000

**2014 Rhodes College Faculty Development Endowment Grant** *Stress-related changes in anxiety, but not hunger, are associated with post-stress food consumption in obese women with Binge Eating Disorder.* Total amount: $5000

**2013 Rhodes College Faculty Development Endowment Grant** *Stress-Induced Eating in Binge Eating Disorder: Does Comfort Food Aid in Stress Recovery?* Total amount: $5000

**2012 & 2013 Rhodes Neuroscience Summer Research Fellowship**

Project Title: *Stress-Induced Binge Eating.* Amount per summer: $12,875

**2010-2011 University of Richmond Student Research Grants**

Project Title: *The effect of comfort food on stress responses in binge eating disorder.* Total amount: $1000

**2007-2008 University of North Carolina Teaching Fellowship**

A teaching fellowship supplying a stipend for full responsibility of a department course during the spring and summer semesters. $15,900

***Awards & Honors***

**2013 & 2016** Research abstract selected by American PsychosomaticSociety Program Committee to be newsworthy and included in the Society’s press release

**2011** University of Richmond Psi Chi Outstanding Faculty Member Award

**2008** Received competitive admission and honorarium into the *University of North Carolina Future Faculty Fellowship Program*

**2005 & 2006** Citation Poster presented at the Annual Meeting of the American Psychosomatic Society

**2005** American Psychosomatic Scholar Award, supporting travel based on meritorious abstract submission

**2004** Graduated Magna Cum Laude with Departmental Honors in Psychology, University of Richmond

***Professional Memberships***

**2017-Present** Society for the Study of Ingestive Behavior

**2009-Present** APA Division 2 – Society for the Teaching of Psychology

***Professional Service***

Service to the Scientific Community

Ad-hoc Reviewer: Psychosomatic Medicine, Hormones & Behavior Review, Hormones & Behavior, Appetite, Obesity, Physiology & Behavior, Eating Behaviors, Childhood Obesity, Bulimia & Obesity, Nutrients, Women & Health, Psychoneuroendocrinology, Journal of Psychosomatic Research, Journal of Pain, Eating & Weight Disorders

**April 2021** External examiner for Neuroscience Oral Exams at Earlham College

**March 2021** Invited talk for the West Tennessee chapter of Employee Assistance Professional Association (EAPA) titled, “Rethinking the etiology of mental illness: are psychological disorders brain diseases?”

**June 2020** Invited panelist for a Rhodes College webinar titled, “Rhodes Responds – Coping with COVID-19.”

**October 2017** Invited Talk for the colloquium series for the Clinical Psychology Doctoral Program at the University of Memphis. “Psychological and physiological mechanisms underlying stress-induced eating”

**February 2014 -17** Annual invited talks for National Eating Disorders Awareness Week, Rhodes College. “The science of stress-induced eating”

**March 2014** Invited Talk for the Mid-South Psychology Conference, Christian Brothers University. “An Introduction to Psychophysiological Methods”

**January 2014** Invited Talk for the Pink Palace Museum “The Science of Alcohol”

**March 2013** Reviewer for the Mid-South Psychology Conference; Memphis, TN.

Service to Rhodes College

**2019-Present** Rhodes College New Faculty Cohort Teaching & Scholarship Mentor

**2018-Present** Rhodes College Technology and Academic Space Committee

**2011-Present** Neuroscience Program Committee

**2011-Present** Psi Chi National Honor Society Faculty Advisor

**2011-Present** Psychology Department Assessment Committee

**2011-Present** Participant in Admissions Recruitment Events

Neuroscience Major Zoom Information Session; April 2020

Information Sessions; Sept 2013, Feb 2015, Nov 2019, Jan 2021

Discover Rhodes, August 2017

Admissions Phonecast, March 2017

Open House: Oct 2011, Sept 2012, Nov 2013, April 2014; Nov 2016

Admissions Scholarship Symposium; February 2015

**2013-2018**  Psychology Department Admissions Liaison

**2014-2017** Standards and Standings Committee, Secretary

**2021** Chair of Faculty Search Committee for VAP in Neuro/Psych

**2019** Faculty Search Committee for Clinical Psychology/Health position

**2018** Faculty Search Committee for Hearst Postdoctoral Neuroscience position

**2018** Faculty Search Committee for Clinical Psychology position

**2017** Faculty Search Committee for Psychology & Neuroscience position

**2014** Faculty Search Committee for Chemistry position

**2013** Faculty Search Committee for Cognitive Neuroscience position

**2013** Common Table Work Group: Student Connections

***Research Mentoring at Rhodes College***

Honors Thesis 2013-2014: Matthew Roberts, *Social support attenuates physiological stress responses and experimental pain sensitivity to cold pressor pain*.

Summer Research Fellowships:

2019: Tzvi Nadel; *Korsakov Research Award in Psychology*

2013: Matthew Roberts; *Margaret Ruffin Hyde Award in Psychology*

2012: Sierra Gaffney and Kathryn Cyrus; *Neuroscience Summer Research Fellowship*

Independent Research (Neur 451/452):

2020-21: Katie Gaffney, Caroline Farrell, Helen Files, Barrett Leonhard, Olivia Street

2019-20: Tzvi Nadel, Cleo Nikodem, Katie Gaffney, Caroline Farrell, Helen Files, Barrett Leonhard

2018-19: Reedhi Dasani, McKay Warren, Tzvi Nadel, Cleo Nikodem

2017-18: Ellery Hayden, Catrina Cattaneo, Reedhi Dasani, McKay Warren, Tzvi Nadel, Cleo

Nikodem

2016-17: Allie Baldassaro, Saniya Rashid, Ellery Hayden, Catrina Cattaneo, Reedhi Dasani,

McKay Warren, Tzvi Nadel

2015-16: Caroline Sumner, Allie Baldassaro, Saniya Rashid, Ellery Hayden

2014-15: Sierra Gaffney, LauraLee Madigan, Caroline Sumner, Allie Baldassaro, Saniya Rashid

2013-14: Sierra Gaffney, Kathryn Cyrus, Liz Bigus, Allison Julien, LauraLee Madigan,

Matthew Roberts

2012-13: Sierra Gaffney, Kathryn Cyrus, Liz Bigus, Allison Julien, LauraLee Madigan

2011-12: Jenna Brownfield, Marie Kyle, Megan O’Brien, Kyle Capstick, Liz Bigus, Sierra

Gaffney, Kathryn Cyrus